Gokulan Dhatchinamoorthy

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PROFESSIONAL SUMMARY

- Experienced Senior software developer with over 8 years of proven expertise in designing, implementing, and maintaining robust web applications. Adept at leveraging the full stack technology to deliver scalable and high-performance solutions.
- Manage all phases of web application for a wide range of clients requiring interactive, transactional intranet sites. Assess client needs and develop specifications, plan and implement projects from initial conceptual design through coding, final delivery and client approval.
- Experienced in managing websocket functionality including opening, closing, and tracking and setting up communication channels for sending and receiving real-time messages between clients and the server.
- Experienced in design, create & maintain high-quality JavaScript packages that were not only technically sound but also well-documented and easy for other developers to adopt.
- Experience in writing test cases using TDD and BDD approach, good knowledge on writing code for automation test cases using Cypress.
- Orchestrated the complete automation of the build, test, and deployment processes, resulting in a significant reduction in manual intervention and human errors.

TECHNICAL SKILLS

- **Web Technologies** HTML5, CSS3/SCSS, JavaScript (ES6+), jQuery, Typescript
- **Frameworks** ReactJs, Angular, NodeJs, ExpressJs, Bootstrap, Material UI
- **Database** MySQL, MongoDB
- **Library/Module** Redux, NgRx, RxJs, Redux-Saga, AG-Grid, GoogleMaps API
- **Cloud /Web Tools** Git, Bitbucket, Webpack, ES Lint, Jenkins, Docker, OpenShift, AWS (S3), Jira
- **Testing** Unit Testing (Mocha, Jest), Automation Testing (Cypress)
- **Graphic Tools** Photoshop, Figma
- **Familiar Knowledge** Java (Spring boot)

WORK SUMMARY

SENIOR SOFTWARE ENGINEER
TECHNOPALS PTE LTD | SINGAPORE   **NOV 2022 – AUG 2024**

Client: DBS Bank

- Coordinated with cross-functional teams including UX/UI designers, back-end developers, and product managers to define project requirements and deliverables.
- Chose and implement appropriate state management solutions like Redux and React Context API. Ensure that the application's state is managed efficiently and consistently across components.
- Established and enforced coding standards, code reviews, and development workflows to maintain high-quality and maintainable codebases.
- Collaborated with DevOps and backend teams to align deployment practices and ensure seamless integration with CI/CD pipelines.
- Integrate WebSocket functionality into the client-side application using appropriate libraries in React.js. Implemented logic for sending and receiving messages between connected clients and the server. Define message formats and payloads according to application requirements.

SOFTWARE ENGINEER III
WALMART GLOBAL TECH INDIA | CHENNAI   **MAY 2020 - NOV 2022**

- Developed and maintained front-end code for various capability landing and detail pages of Annual Operating application using technologies such as HTML, CSS/Sass, JavaScript, ReactJs and NodeJs.
- Developed various React UI components and Data visualization as a part of our internal pattern library, which is used across multiple teams to achieve standardized code throughout the application.
- Participated in team meetings with the onsite team and the business analyst, product owner to understand the needs of new implementation. Participated in daily team meetings and scrum meetings.
- Write unit tests, integration tests, and end-to-end tests to ensure the reliability and stability of the React.js application. Collaborate with the QA team to establish and maintain quality assurance processes.
- Developing and maintaining APIs (Application Programming Interfaces) to facilitate communication between different parts of the application or between the server and client-side components.
- Implemented automated testing frameworks (e.g., Jest, Cypress) within the CI/CD pipeline to ensure code quality and functionality before deployment.

SOFTWARE ENGINEER (FULL STACK)
CONGRUENT GLOBAL | CHENNAI   **APR 2018 - APR 2022**

- Developed front end for cart and checkout, Product certificates Microservices in Deluxe marketing application using HTML, CSS, JavaScript, AngularJs, ReactJs and NodeJs.
- Designed and developed RESTful APIs along with data models for an E-Commerce platform using Node, Express, enabling seamless integration with frontend applications.
- Developed and maintained databases using MySQL and MongoDB technologies, ensuring efficient data storage, retrieval, and integrity.
- Converted raw data from API and database calls to create unique and effective user experiences in the browser.
- Identify and resolve issues and bugs in a timely manner. Perform root cause analysis and implement effective solutions to prevent future occurrences.

UI & UX DEVELOPER
EDATALABS PVT LTD | CHENNAI   **FEB 2017 - MAR 2018**

- Create wireframes and interactive prototypes to outline the structure and layout of web pages or mobile app screens using tools like Photoshop to visualize and test user flows and interactions.
- Develop the front-end of web applications, ensuring that the user interface is responsive and visually engaging.
- Write clean, semantic HTML, CSS, and JavaScript code to create the UI elements, layouts, and styles
- Create responsive layouts that adapt to various screen sizes and orientations, providing an optimal user experience on desktops, tablets, and smartphones.
- Used AngularJS framework to bind views to models and designed classes in ECMAScript 6 and explored on the webpack build process for sentient application.
- Developed and implemented features such as location search, route optimization, and real-time traffic updates using Google Maps JavaScript API and Places API, and also involved in interactive mapping features, including custom markers, routes, and geocoding functionality.
- Customized map styles and functionalities to match application requirements, improving user experience by tailoring map aesthetics and interactions.

WEB DEVELOPER
ECPHASIS INFOTECH PVT LTD | CHENNAI   **MAR 2015 - MAR 2016**

- Write clean, semantic HTML, CSS, and JavaScript code to create the UI elements, layouts, and styles. Implement animations, transitions, and interactive elements to enhance the user interface and create engaging user experiences
- Conduct thorough testing and cross-browser testing, and debug issues to ensure a bug-free and smooth user interface.
- Ensure that UI works consistently across different browsers and devices by testing and fixing compatibility issues.
- Involved in 100+ Website design and development, Graphic design and Logo Branding Design.

ACADEMIC QUALIFICATION

- Graduated *Bachelor of Engineering (CSE)* in June 2014 from Jaya Institute of Technology at Thiruvallur.
- Graduated HSC in March 2010 from National Higher Secondary School at Mannargudi.
- Graduated SSLC in April 2008 from Nava Bharath Matric Higher Secondary School at Ullikkottai.